

Remarks

This is in response to the non-final Office Action mailed April 18, 2008. Claims 2-4, 19, 20, and 35-38 are canceled without prejudice or disclaimer. Claims 1 and 8 are amended. Claims 1 and 5-18 remain pending. In light of the foregoing amendments and the following remarks, withdrawal of the pending rejections and advancement of this application to allowance is requested.

I. Claim Rejections – 35 U.S.C. § 103

Claims 1, 3-20, and 35-38 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,389,590 to Miller et al (herein Miller) in view of “ASP.NET Configuration Files” to Sully (herein Sully). This rejection is respectfully traversed. Reconsideration is requested for the following reasons.

A. Claims 1 and 5-7

Claim 1 recites, in part, a build provider manager accesses the build provider registration – mapping data structure, instantiates the plurality of build providers needed to accomplish the file compilation actions based on the registration – mapping data structure, and manages and controls the plurality of build providers to facilitate the file compilation actions.

One non-limiting embodiment including a build provider manager 202 configured in a manner consistent with that recited in claim 1 is shown in Figure 2. The build provider manager is programmed to manage and control the compiling of source code of multiple files of arbitrary file type into a single target assembly. Application, p. 14, ll. 3-8. For example, the build provider manager accesses a build provider registration – mapping data structure (p. 13, ll. 18-19) that maps each respective build provider instantiated by build provider manager to each of the one or more files (p. 13, ll. 18-20). The build provider manager thereupon manages each of the guild providers to accomplish the compilation process.

Miller fails to disclose or suggest a build provider manager as recited in claim 1. As noted at section 6 of the Office Action, Miller simply discloses multiple separate language specific compilers 204 that compile different types of source code into an intermediate language. Miller, col. 6, ll. 1-30. Miller fails to disclose or suggest a build provider manager a build provider manager accesses the build provider registration – mapping data structure, instantiates

the plurality of build providers needed to accomplish the file compilation actions based on the registration – mapping data structure, and manages and controls the plurality of build providers to facilitate the file compilation actions, as recited by claim 1.

The Sully reference does not remedy the shortcomings of Miller. As noted in section 6 of the Action, Sully discloses a configuration file used in the .Net Framework to define compilation settings for use when the .NET framework dynamically compiles resources, where typically there are several compilers setup for VB, C# and JavaScript source language. Sully does not disclose or suggest a build provider manager configured as recited by claim 1.

Thus, the combination of Miller and Sully fails to teach or suggest all of the limitations of claim 1. Reconsideration and withdrawal of the rejection of claim 1, as well as claims 5-7, that depend therefrom, are therefore requested.

B. Claims 8-18

Claim 8 recites, in part, accessing, by a build provider manager, a configuration file including a data structure that maps respective file types of the plurality of file types to respective build providers of a plurality of build providers, creating an associated build provider, when instantiated by the build provider manager, for each associated file of the plurality of files, wherein at least two files have different file types, and compiling the contributed code of each associated file into an assembly under direction and control of the build provider manager. Claim 8 is therefore patentable over Miller and Sully for at least reasons similar to those provided above for claim 1. Reconsideration and allowance of claim 8, as well as claims 9-18 that depend therefrom, are therefore requested.

II. Conclusion

Favorable reconsideration is requested. Please contact the undersigned with any questions regarding this application.

Respectfully submitted,
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